

Board of Health report  
Lowell Health Department - Public Health Nursing Division  
September 2022

*Submitted by Health and Human Services Director  
Lisa Golden*

**Communicable Diseases Reported**

*Note: Totals are a combination of confirmed, contact, probable, revoked, and suspect events unless otherwise specified.*

Disease	September 2021	September 2022	2022 total YTD	2021 total
Amebiasis	0	1	0	0
Anthrax	0	0	0	0
Arbovirus	0	0	0	0
Babesiosis	0	0	1 revoked	2
Borrelia miyamotoi infection	0	0	0	0
Botulism	0	0	0	0
Calicivirus/Norovirus	0	0	3	4
Campylobacteriosis	2	0	8	12 3 probable
Clostridium perfringens	0	0	1 revoked	0
Cryptococcus neoformans	0	0	0	0
Cryptosporidiosis	2	0	2 1 probable	
Cyclosporiasis	0	0	0	0
Dengue Fever	0	0	1 revoked	0
Ehrlichiosis	0	0	0	0
Encephalitis	0	1 suspect	1 suspect	1 suspect
Enterovirus	0	0	0	0
Giardiasis	3	1	3 12 probable	6 2 probable
Group A Streptococcus	1 4 revoked	3 revoked	22 revoked 1 suspect	7 1 suspect 29 revoked

<b>Group B Streptococcus</b>	1	42 revoked	6 117 revoked	6 4 revoked
<b>Haemophilus Influenzae</b>	0	0	3	1
<b>Hepatitis A</b>	0	0	1	1 suspect
<b>Hepatitis B</b>	7 probable	2 probable 1 revoked	3 7 contact 31 probable 1 revoked	16 21 contact 43 probable 6 revoked 2 suspect
<b>Hepatitis C</b>	2 5 probable 10 revoked	1 5 probable 6 revoked	30 57 probable 1 suspect 30 revoked	39 44 probable 103 revoked
<b>Hepatitis D</b>	0	0	0	1 suspect
<b>Human Granulocytic Anaplasmosis</b>	2 revoked	0	1 revoked	2 suspect
<b>Influenza</b>	3	3	653 4 suspect	239 1 contact 1 suspect
<b>Invasive bacterial infection (other)</b>	0	0	1 suspect	0
<b>Legionellosis</b>	0	0	0	4
<b>Lyme Disease</b>	1 suspect	4 suspect	1 probable 28 suspect	34 suspect
<b>Malaria</b>	2	0	2	6
<b>Measles</b>	0	0	0	1 revoked
<b>Meningitis – Unknown Type</b>	0	0	1 1 suspect	2 suspect
<b>Meningococcal Disease</b>	0	0	0	0
<b>Monkeypox</b>	0	2 1 contact 1 probable	6 2 contact 4 probable 6 revoked	0
<b>Mumps</b>	1 revoked	0	1	1 revoked

<b>Novel coronavirus (SARS, MERS, etc.)</b>	747 309 contact 61 probable 7 revoked 24 suspect	674 60 probable 6 suspect	13653 15 contact 1795 probable 14 revoked 102 suspect	15182 4003 contact 1282 probable 44 revoked 190 suspect
<b>Pertussis (and other Bordatella species)</b>	0	0	1	1
<b>Rocky Mountain Spotted Fever</b>	0	0	0	0
<b>Rubella</b>	0	0	0	0
<b>Salmonellosis</b>	1	0	6	11
<b>Shiga toxin producing organism</b>	0	0	1 probable	1 suspect
<b>Shigellosis</b>	0	1	4	1
<b>Streptococcus pneumoniae</b>	1	0	1	2
<b>Toxoplasmosis</b>	0	0	0	0
<b>Varicella</b>	0	1 suspect	6 probable 3 suspect	3 probable 2 revoked 7 suspect
<b>Vibrio sp.</b>	1	0	1	0
<b>Viral Hemorrhagic Fevers</b>	0	0	0	5 contact 2 revoked
<b>Viral Meningitis (aseptic)</b>	2	0	2 suspect	7 suspect
<b>West Nile Virus Infection</b>	0	1 revoked	1 revoked	1 revoked
<b>Yersiniosis</b>	0	0	0	1
<b>Zika Virus Infection</b>	0	0	0	0

*\*denotes case is connected to a foodborne illness investigation*

### **Tuberculosis Cases Reported**

<b>Disease</b>	<b>September 2021</b>	<b>September 2022</b>	<b>2022 total YTD</b>	<b>2021 total</b>
TB LTBI	53 2 suspect 3 revoked	36 5 suspect	332 27 suspect 24 contact 7 revoked	429 59 suspect 10 revoked 27 contact
TB Active	1 revoked	1 suspect	6	16

			3 suspect 4 revoked	2 contact
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Estimated **24 DOTs** done in August (both via WebEx and in person)

### **Refugee Arrivals**

	September 2021	September 2022	2022 YTD	2021 Total
Total families	7	7	42	78
Total persons	6	18	99	193

### **Immunizations**

Note: immunizations are counted by the number of *patients* vaccinated. For multi-dose vaccines (such as the Moderna and Pfizer COVID-19 vaccines), each patient is counted only once for the 2-dose series.

Vaccine	September 2021	September 2022	2022 YTD	2021 total
Influenza	0	54	64	189
COVID-19	22	17	257	5937

### **Public Health Nurse Activities**

- Attended CDC and DPH webinars.

### **Public Health Nurse Manager / Director Activities**

- Staffing
  - Third PHN position is still posted.
  - Continued training and education are ongoing.
- Vaccination
  - Held weekly clinic on Tuesday evenings from 4pm-7pm at the Health Department
  - Finished receiving our flu inventory for the 2022-2023 season. Several clinics outside of the regular Tuesday hours have been scheduled
  - Attended weekly meeting with DPH vaccine coordinators and bi-weekly meeting Vaccine Equity Outreach and Engagement meeting

c. Miscellaneous

- i. Attended environmental health day in Lowell as part of the MAPHN monthly meeting